Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022018\
Data File : BF103122.D
Acq On : 20 Feb 2018 18:31
Operator : SJ/JU
Sample : J1624-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Manual Integrations APPROVED
Sohil
2/21/2018 10:10:33 AM

Quant Time: Feb 21 09:11:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	182631	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	803235	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	372036	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	638747	20.00	ng		0.00
75) Chrysene-d12	14.05	240	365001	20.00	ng		0.00
86) Perylene-d12	15.54	264	338093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1433658	119.22	ng		0.02
7) Phenol-d6	6.52	99	1789274	123.57	ng		0.01
23) Nitrobenzene-d5	7.45	82	1202433	103.85	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	373521	124.74	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1729698	77.15	ng		0.00
78) Terphenyl-d14	12.99	244	1489134	96.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	224543	37.803	ng		89
3) Pyridine	3.49	79	622706	37.945	ng		93
4) n-Nitrosodimethylamine	3.44	42	328320	46.760	ng		99
6) Aniline	6.55	93	692991	32.408	ng		95
8) 2-Chlorophenol	6.67	128	546215	44.119	ng		97
9) Benzaldehyde	6.43	77	359775	33.458	ng		99
10) Phenol	6.53	94	682416	43.976	ng		86
11) bis(2-Chloroethyl)ether	6.62	93	563125	43.611	ng		95
12) 1,3-Dichlorobenzene	6.82	146	568164	39.629	ng		98
13) 1,4-Dichlorobenzene	6.89	146	572638	40.096	ng		99
14) 1,2-Dichlorobenzene	7.05	146	524924	39.462	ng		97
15) Benzyl Alcohol	7.02	79	479262	43.051	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	961842	39.212	ng		99
17) 2-Methylphenol	7.13	107	490150	42.920	ng		97
18) Hexachloroethane	7.39	117	207468	42.363	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	381122	39.921	ng		99
20) 3+4-Methylphenols	7.29	107	527538	37.459	ng	#	73
22) Acetophenone	7.29	105	714223	36.336	ng	#	86
24) Nitrobenzene	7.46	77	622703	45.721	ng		98
25) Isophorone	7.70	82	1190818	44.663	ng		98
26) 2-Nitrophenol	7.77	139	327324	56.602	ng		96
27) 2,4-Dimethylphenol	7.82	122	509385	45.221	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	733060	46.413	ng		99
29) 2,4-Dichlorophenol	8.02	162	470690	45.966	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	452216	39.037	ng		98
31) Naphthalene	8.19	128	1551654	39.538	ng		100
32) Benzoic acid	7.93	122	215796	32.275	ng		99
33) 4-Chloroaniline	8.23	127	419023	24.785	ng		98
34) Hexachlorobutadiene	8.29	225	223244	37.608	ng		98
35) Caprolactam	8.62	113	169250m	47.593	ng		
36) 4-Chloro-3-methylphenol	8.72	107	538559	46.809	ng		99
37) 2-Methylnaphthalene	8.87	142	1026092	39.935	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	396307	39.122	ng		99
40) Hexachlorocyclopentadiene	9.02	237	258352	53.650	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	302711	45.496	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	327098	43.618	ng		99
45) 1,1'-Biphenyl	9.34	154	1168782	37.299	ng		99
46) 2-Chloronaphthalene	9.36	162	978352	39.658	ng		99
47) 2-Nitroaniline	9.46	65	384104	50.280	ng		90
48) Acenaphthylene	9.78	152	1454320	37.956	ng		99
49) Dimethylphthalate	9.64	163	1364765	47.047	ng		99
50) 2,6-Dinitrotoluene	9.70	165	271958	49.278	ng		93
51) Acenaphthene	9.95	154	835899	36.480	ng		99
52) 3-Nitroaniline	9.87	138	248400	36.579	ng		97
53) 2,4-Dinitrophenol	9.99	184	205421	96.560	ng	#	18
54) Dibenzofuran	10.13	168	1221136	37.815	ng		97
55) 4-Nitrophenol	10.05	139	426457	76.599	ng		96
56) 2,4-Dinitrotoluene	10.12	165	336533	45.629	ng		95
57) Fluorene	10.47	166	958540	40.798	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	242320	46.621	ng		99
59) Diethylphthalate	10.34	149	1149661	40.137	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	429274	41.302	ng		97
61) 4-Nitroaniline	10.50	138	315839	48.863	ng		95
62) Azobenzene	10.62	77	1138797	39.798	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	152342	54.680	ng		86
65) n-Nitrosodiphenylamine	10.58	169	896316	39.782	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	272805	40.375	ng		96
67) Hexachlorobenzene	11.02	284	288106	38.651	ng		98
68) Atrazine	11.10	200	286293	43.073	ng		96
69) Pentachlorophenol	11.22	266	274575	62.751	ng		98
70) Phenanthrene	11.43	178	1333882	37.496	ng		100
71) Anthracene	11.49	178	1405699	38.851	ng		100
72) Carbazole	11.64	167	1360767	38.389	ng		99
73) Di-n-butylphthalate	11.96	149	1772265	41.159	ng		100
74) Fluoranthene	12.62	202	1293074	36.128	ng		99
76) Benzidine	12.74	184	452396	26.968	ng		98
77) Pyrene	12.85	202	1289033	45.037	ng		100
79) Butylbenzylphthalate	13.46	149	707913	51.628	ng		98
80) Benzo(a)anthracene	14.04	228	984054	42.869	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	303713	35.684	ng		98
82) Chrysene	14.08	228	910958	39.367	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	967281	55.168	ng		99
84) Di-n-octyl phthalate	14.63	149	1519709	57.725	ng		100
85) Indeno(1,2,3-cd)pyrene	17.06	276	937289	48.838	ng		99
87) Benzo(b)fluoranthene	15.11	252	901114	41.110	ng		99
88) Benzo(k)fluoranthene	15.14	252	776568	37.078	ng		99
89) Benzo(a)pyrene	15.48	252	817138	41.415	ng		97
90) Dibenzo(a,h)anthracene	17.07	278	764990	47.768	ng		100
91) Benzo(g,h,i)perylene	17.52	276	791355	50.485	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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